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ICAO Efforts to Improve the Exchange of Safety Related Material

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What is ICAO

- **UN Specialized agency for Civil Aviation**
- **Formed in 1944 to regulate the development of Civil Aviation**
- **50+ Year history**
- **185 Member States (CAAs)**
- **Headquarters in Montreal**
- **Seven Regional Offices**



How does ICAO function

- **Develops Internationally agreed Standards and Recommended Practices (SARPs)**
- **Develops Operational Procedures (PANS) and a range of Guidance Material**
- **SARPs are contained in 18 Annexes to the Chicago Convention**
- **Member States incorporate SARPs into their National Legislation**



Constraints to the free flow of Safety Related Information

- **Likely Effect on Professional Reputation**
- **Commercial Considerations for Operators**
- **Legal Ramifications (liability / cost)**



Ways States may Facilitate the Flow of Safety Related information

- **Create an Environment in which people are not afraid to report (Trust)**
 - Legislation to protect data sources
 - Remove threat of legal sanctions
- **Encourage Reporting**
 - payback for operators with a transparent operation (reduced audit / surveillance costs)
 - NASA ASRS - immunity from action for reporting



Current ICAO Activities related to the exchange of Safety Related Material

- **ADREP (1976)**
 - Mostly accidents, few incidents
- **Annex 13**
 - Protection of sources of information
 - Exchange of accident investigation information
 - Incident reporting systems and databases (R.P.)
- **Accident Prevention Manual**
 - Incident Reporting



Future ICAO Activities in this Area

- **ADREP**
 - Updated database
 - Standardized Definitions, Taxonomies, Format
 - **Use of the Internet (Website)**
 - Reporting to ADREP and access to ADREP data
 - Electronic library of reports
 - **Annex 13**
 - Strengthen provisions to protect data (CVR)
 - Accident Prevention Measures (incident reporting)
- (Contd)



ICAO future Activities (continued)

- **Safety Indicators**
 - Rates Vs Numbers
 - Regional variations
- **Introduce requirements for FOQA**
 - RP from 2002, Std from 2005 - for large aircraft
- **Legal Study of international laws to protect exchange of confidential information**
- **Global Aviation Safety Plan (GASP)**
 - Improve data analysis and information dissemination network